

**LAND AUTHORITY GOVERNING BOARD
AGENDA ITEM SUMMARY**

Meeting Date: January 17, 2007

Division: Land Authority

Bulk Item: Yes ☐ No ☒

Contact / Phone #: Com. Murphy / 852-7175

Agenda Item Wording: Commissioner Murphy: Approval to appoint Alessandra (Alex) Fioravanti-Score to the Land Authority Advisory Committee.

Item Background: Ms. Fioravanti-Score is a resident of Key Largo and, in accordance with Section 9.3-6(d) of Monroe County Code, will serve as the Upper Keys representative on the Land Authority Advisory Committee. The appointment term is three years.

Advisory Committee Action: N/A

Previous Governing Board Action: N/A

Contract/Agreement Changes: N/A

Commissioner's Recommendation: Approval

Total Cost: \$ N/A

Budgeted: Yes ☐ No ☐.

Cost to Land Authority: \$ N/A

Source of Funds: N/A

Approved By: Attorney X County Land Steward ☐.

Documentation: Included: X To Follow: ☐ Not Required: ☐.

Disposition: _____ Agenda Item ☐

**Monroe County Board and Committees
Appointment Information**

Board or Committee:	Land Authority Advisory Committee
Appointing Commissioner:	Commissioner Murphy
Appointee:	Alessandra (Alex) M. Fioravanti-Score
Address:	32 Mutiny Place Key Largo, FL 33037
Phone Number:	(305) 853-0975
Original Appointment:	January 17, 2007
Reappointment:	N/A
Date New Term Expires:	October 20, 2009
Person Being Replaced:	Mary White Hansley
Fulfilling Term of:	N/A
Other Information:	Upper Keys representative, per Section 9.3-6(d), Monroe County Code

Alessandra M. Fioravanti-Score

32 Mutiny Place, Key Largo, FL 33037
(305) 853-0975, ww1 @bellsouth.net

Education

- 4/95-6/98 **Master of Science - Biology** Thesis on colonization and succession of sessile invertebrates in the South Atlantic Bight. Georgia Southern University, Statesboro, Georgia (Graduated with High Honors)
- 1/94-6/94 **Post Baccalaureate Studies**, Ventura College, Ventura, California
- 9/87-6/91 **Bachelor of Science - Marine Biology**, Florida Institute of Technology, Melbourne, Florida
- 9/83-6/87 **High School-Marymount International School**, Rome, Italy

Foreign Languages

Italian, Spanish, Portuguese, French

Work Experience:

- 6/06- present **Marine Conservation Specialist, World Wildlife Fund, South Florida Program, Marathon, FL.** Coordinate and administer two grant projects with primary objectives to involve stakeholders in South Florida Ecosystem Restoration and dissemination of current and accurate scientific information to assist in decision-making. Responsibilities include constituent development and education, and reviewing restoration project plans in relation to environmental benefits to Florida Bay. Other duties include working as the Project Coordinator in a newly formed Climate Change LEADS Project, a decision-support tool that will enhance coral reef resilience strategies in the face of coral bleaching and compromised water quality.
- 5/04-6/06 **Senior Biologist, Monroe County Planning and Environmental Resources, Tavernier, FL.** Primary function was to apply environmental regulations and comprehensive plan policies in the processing of development applications, preparation of written reports and presentations for conditional development reviews, assess habitats, and make field determinations regarding adherence to environmental criteria in the County. Responsibilities include permit and habitat review, preparation of staff reports, review of major development proposals for environmental compliance with County codes, procedures, and policies, and training for new staff and consulting biologists. Provided research and prepared restoration plans, resolutions, site condition reports and recommendations for the County comprehensive plans. Assisted in the development of the TIER system, Key Largo CommuniKeys, and Tavernier Historic District plans.
- 1/03-5/04 **South Florida Ecosystem Education Project, Education and Outreach Coordinator, University of Florida, Florida Sea Grant Extension, Key Largo, FL.** Worked across agencies to develop integrated outreach and education programs focused on the scientific understanding of South Florida Ecosystem Restoration. Duties included development of teacher training workshops, community and formal education, and demographic and community analysis. Served as the education liaison among the Florida Sea Grant College Program, University of Florida Extension, and National Oceanic and Atmospheric Administration on south Florida restoration issues.

- 7/01-1/03 **Education and Outreach Coordinator, Reef Environmental Education Foundation, Key Largo, FL.** Developed and promoted educational programs to engage the diving public in volunteer programs to document the worldwide distribution of fish species for a grass roots non-profit organization. Duties included marketing, creation and fostering of partnerships, reporting and writing of grants, coordinating with national and international programs, education and outreach activities, and planning and coordination of the international Great Annual Fish Count event. Conducted a special research project with the Florida Fish and Wildlife Conservation Commission in the monitoring and structural analysis of 16 Artificial reefs deployed in the mid- 1980's within the Florida Keys.
- 7/01-11/02 **Educator and Meeting Facilitator, NOAA's Florida Keys National Marine Sanctuary, Key Largo, FL.** Revised and updated the Florida Keys Education and Environmental Resource Directory. Assisted the Florida Keys National Marine Sanctuary during their management plan revision process as a public facilitator for several meetings of committees focused on research, marine zoning, and education. Served as a moderator and facilitator during a controversial Sanctuary Advisory Council marine mammal stranding meeting.
- 2/95- 6/01 **Information Systems Coordinator, NOAA's Gray's Reef National Marine Sanctuary, Savannah, Georgia.** Primary responsibility was to create a Geographic Information System (GIS) characterization of Gray's Reef for management and research use. Duties included assistance in the development of Gray's Reef General Management Plan Reviewed, review and issuance of permits for scientific research, leading invertebrate biological monitoring, fish monitoring, serving as Chief Scientist on several research cruises, principle investigator on sea turtle satellite tagging research project, securing funds for special research projects, and development of educational and outreach programs.
- 2/93 - 8/94 **Research Assistant, Aquaria Inc. Marineland, Moorpark, California.** Research on aquarium biological and mechanical filtration in relation to water quality. Chemical analysis with use of a flow injector and high-pressure liquid chromatograph. Processed and interpreted data. Supervised and trained lab technicians.
- 6/91 - 2/93 **Domestic Fisheries Observer, Alaskan Observers Inc., Seattle, Washington.** Duties included the recording of fishing effort, species composition, monitoring for incidental take of marine mammals, gathering data on species size, age composition, stomach content, and determining the catch incidence of prohibited species on Alaska commercial fishing vessels.

Computer Expertise

Intermediate Arc View GIS
 Adobe GoLive, HTML, Web Crawler, Pagemill, Claris
 Word, Excel, Access, Wordperfect, Corel, Powerpoint,
 Adobe Photoshop, Illustrator, Pagemaker, Quark
 Windows and MacIntosh Platform

Certifications

2001- Reef Condition Monitoring Instructor
 2001- Prism closed-circuit rebreather
 1999- Submarine Pilot Deepworker 2000 up to 1000
 feet
 1999- PADI Underwater Photographer
 1996- NOAA Working Diver/Research Diver/Nitrox

Advisory Groups

- 2004-2006 **Combined Structural Operational Plan Advisory Working Group**-Monroe County representative alternate to Commissioner David Rice. The group was part of the 9 billion dollar project to restore the South Florida Ecosystem, consisting of officials from Miami-Dade, Broward, and Palm Beach Counties, knowledgeable local residents, and representatives from special interest groups.

2006- present **Ecosystem Restoration Working Group** of the Florida Keys National Marine Sanctuary-
To give recommendation on local and regional restoration projects to the Sanctuary Advisory
Council.

Grants, Awards

Present	NOAA for Climate Change LEADS Project: Linking Environmental Analysis to Decision Support; a two year grant analyzing water quality and coral reef condition (\$400,000)
2001	South Florida Water Management District for a Monroe county wide outreach campaign for the Comprehensive Everglades Restoration Project and Water Conservation (\$400,000)
9/97-9/98	WhaleNet funding for Satellite transmitter project for Gray's Reef Loggerhead Satellite Tracking project (\$20,000)
8/96	Georgia Southern University, Graduate Professional Development Research Fund (\$2,000)
7/96	Project A.W.A.R.E. Foundation, Research Grant (\$2,000)
6/96	NOAA Gray's Reef National Marine Sanctuary; Granted Research Permit; vessel and diving support (\$8,000)

Professional Presentations and Publications

National Marine Educators Association Meeting	A. Score (2003) Greater Everglades Restoration and what it means for you. (Presentation)
Florida Marine Educators Association Meeting	A. Score (2003) South Florida Ecosystem Restoration: how you can be involved. (Presentation)
National Marine Educators Association Meeting	A. Score, A. Smrcina, L. Emmanuelson, L. Cunningham (2002) The Fishes of the National Marine Sanctuaries and how teachers can use fish ID in the classroom. (Presentation)
80th Annual American Society for Ichthyologist and Herpetologist	A. Score, T. Potts, and L. Akins (2000) The efficacy of using a one-person submersible to assess fish assemblages on reef habitats (Presentation)
Southern Division of the American Fisheries Society	A. Score and T. Potts (2000) Assessing reef fish and associated habitats from a one-person submersible. (Poster)
19 th Annual Symposium on Sea Turtle Biology and Conservation	Fioravanti-Score, A.M. et al (1998). Use of Satellite Telemetry Technology to Enhance Research and Education in the protection of Loggerhead Sea Turtles
Society of Integrative and Comparative Biology	Fioravanti-Score, A.M. (1998). The colonization processes of live-bottom communities on hard bottom in the South Atlantic Bight (Presentation)
WebPage Development	Gray's Reef National Marine Sanctuary (1996-2001) www.graysreef.noaa.gov Great Annual Fish Count (2001-2002) www.fishcount.org

Community Volunteer

- AYSO Assistant soccer coach and State Coach 2006-present
- Assistant Coach Florida Odyssey of the Mind- group competed at World level 2003-2006
- Religious education teacher San Pedro Church 2003- present
- Volunteer for the Montessori Island Charter School 2002-present
- Volunteer for the Florida Keys Rural Health Network Funds Campaign 2005-2006